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## CLAIM AMENDMENTS

1. ~~(Canceled) Shaped object adapted for being connected with a rim at a point located inside the rim well, having a contact surface intended to rest on the rim well, wherein the contact surface intersects each of a set of mutually parallel first planes along a curved surface which is generally elliptical, said curved surface having a radius of curvature which has a curvature growth rate.~~
2. (Previously Presented) Shaped object adapted for being connected with a rim at a point located inside the rim well, having a contact surface intended to rest on the rim well, wherein the contact surface intersects each of a set of mutually parallel first planes along a curved surface which is generally elliptical, said curved surface having a radius of curvature which has a curvature growth rate, wherein the growth rate decreases to a limit value as the distance of the curve from a second plane rises, and then remains constant as the distance continues to rise.
3. (Currently amended) The shaped object as defined in Claim ~~1~~2, ~~wherein the curved surface comprises a succession of curved sections having a curvature growth rate which increases as the distance from a second plane rises, wherein the shaped object is attached to the rim well by a bonding agent between the contact surface and the rim well.~~
4. ~~(Canceled) The shaped object as defined in Claim 3, wherein the radius of curvature along the curve remains constant within a curved section.~~
5. ~~(Canceled) The shaped object as defined in Claim 3, wherein the differently curved sections follow each other directly, with the radius of curvature changing abruptly between two adjacent sections.~~
6. ~~(Canceled) The shaped object as defined in Claim 1, wherein the sections are approximately equal in length.~~
7. ~~(Canceled) The shaped object as defined in Claim 3, wherein the section which is the nearest to the second plane is longer than the remaining sections which are~~

~~approximately equal in length or become shorter as their distance from the second plane increases.~~

8. (Canceled) ~~The shaped object as defined in Claim 1, wherein the curve comprises at least one concave section having a radius of curvature that increases continuously as the distance from the second plane rises.~~
9. (Canceled) ~~The shaped object as defined in Claim 8, wherein at least on one side of the second plane the curve over its full length has a radius of curvature that increases as the distance from the second plane rises.~~
10. (Canceled) ~~The shaped object as defined in Claim 1, wherein the curve shows the claimed shape on both sides of the second plane.~~
11. (Canceled) ~~The shaped object as defined in Claim 10, wherein the curve extends mirror symmetrically relative to the second plane.~~
12. (Canceled) ~~The shaped object as defined in Claim 10, wherein two sections of each of the curve, lying on different sides of the second plane, have a conforming curvature and the same center of curvature.~~
13. (Canceled) ~~The shaped object as defined in Claim 1, wherein the contact surface extends in convex shape along the lines of intersection with third planes that intersect the curve perpendicularly.~~
14. (Canceled) ~~The shaped object as defined in Claim 13, wherein the lines of intersection each have a radius of curvature that increases from their one end to their other end.~~
15. (Canceled) ~~The shaped object as defined in Claim 14, wherein the radius of curvature of the lines of intersection increases continuously.~~
16. (Currently Amended) The shaped object as defined in Claim 12, wherein it is a housing.

17. (Currently Amended) The shaped object as defined in Claim  $\pm 2$ , wherein it is a carrier or a holder for a housing.
18. (Previously Presented) The shaped object as defined in Claim 16, wherein the housing contains a device for measuring the pressure and/or the temperature in a pneumatic tire which is mounted on the rim.
19. (Currently Amended) A rim with a shaped object as defined in Claim  $\pm 2$ , which has its contact surface connected with the rim at a point inside the rim well by a substance connection.
20. (Previously Presented) A rim as defined in Claim 19, wherein the shaped object is bonded to the rim well.
21. (Currently Amended) A Shaped Object adapted for being connected with a rim at a point located inside the rim well, as according to Claim  $\pm 2$ , wherein the Shaped Object is attached to the rim well by a bonding agent between the contact surface and the rim well.
22. (Currently Amended) A Shaped Object as defined in Claim 21, wherein said bonding agent is a durable bonding agent.
23. (Canceled) ~~Shaped object adapted for being connected with a rim at a point located inside the rim well, having a contact surface intended to rest on the rim well, wherein the contact surface intersects each of a set of mutually parallel first planes along a curved surface which is generally elliptical, wherein the curved surface comprises a succession of curved sections the radius of curvature of which increases as the distance from a second plane rises, wherein the shaped object is attached to the rim well by a bonding agent between the contact surface and the rim well.~~